Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
BLE 1M	2402	0.390	1.245	31.325	5.041	2.564
BLE 2M	2404	0.204	0.627	32.536	4.876	4.902

Maximum Conducted Output Power Measurement												
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	Peak Gain	EIRP Power		EIRP Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W	dBm	dBi	dBm	W	W		
BLE 1M	2402	7.30	0.0054	7.56	0.0057	30.00	1.20	8.76	0.0075	4.00	47.00	Airoha Tool Kit V3.9.0.8
BLE 1M	2440	7.12	0.0052	7.39	0.0055	30.00	1.20	8.59	0.0072	4.00	47.00	
BLE 1M	2480	6.64	0.0046	6.92	0.0049	30.00	1.20	8.12	0.0065	4.00	47.00	
BLE 2M	2404	7.29	0.0054	7.55	0.0057	30.00	1.20	8.75	0.0075	4.00	47.00	
BLE 2M	2440	7.18	0.0052	7.43	0.0055	30.00	1.20	8.63	0.0073	4.00	47.00	
BLE 2M	2478	6.66	0.0046	6.91	0.0049	30.00	1.20	8.11	0.0065	4.00	47.00	

Note: The relevant measured result has the offset with cable loss already.

6 dB Bandwidth and 99 % Occupied Bandwidth				
Test mode	Frequency	99 % Occupied Bandwidth	6 dB Bandwidth	6 dB Limit
	(MHz)	(MHz)	(kHz)	(kHz)
BLE 1M	2402	1.047	713.7000	≧ 500
BLE 1M	2440	1.047	716.5000	≧ 500
BLE 1M	2480	1.047	714.2000	≧ 500
BLE 2M	2404	2.079	1296.0000	≧ 500
BLE 2M	2440	2.078	1295.0000	≧ 500
BLE 2M	2478	2.077	1294.0000	≧ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-8.930	≦ 8
BLE 1M	2440	-8.820	≦ 8
BLE 1M	2480	-8.690	≦ 8
BLE 2M	2404	-11.200	≦ 8
BLE 2M	2440	-11.190	≦ 8
BLE 2M	2478	-11.290	≦ 8